



Swiss Academy of Engineering

Manuel Kugler

SATW Project Leader

satw

it's all about technology

Who we are

it's all about technology

2

Leading Swiss expert network for engineering sciences

338 individual members

80 experts

52 member organisations



Willy R. Gehrler
President

Mandated by the federation to

identify relevant technological developments

inform politics and society about their impact

Politically independent, neutral and non-commercial

Excellent international network



Dr. Rolf Hügli
Managing director

What we are working on

3

Priority programmes

Advanced Manufacturing

Forster additive manufacturing and industrie 4.0

Artificial Intelligence

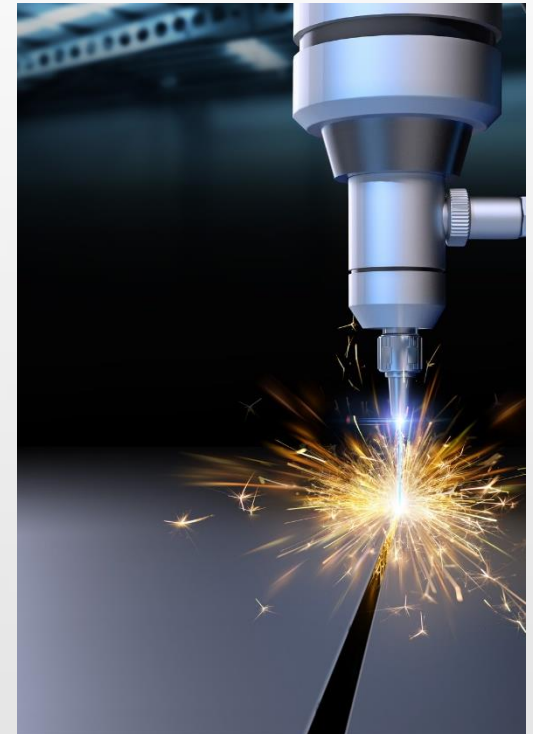
Grasp the next steps of digitalization

Cyber Security

Make Switzerland's IT more secure

Encouraging Young Engineering Talent

Stimulate interest of kids in engineering sciences



Advanced Manufacturing Initiative

Overview

4

Analysis of current status

2013 Forum advanced manufacturing

2015 Technology Outlook

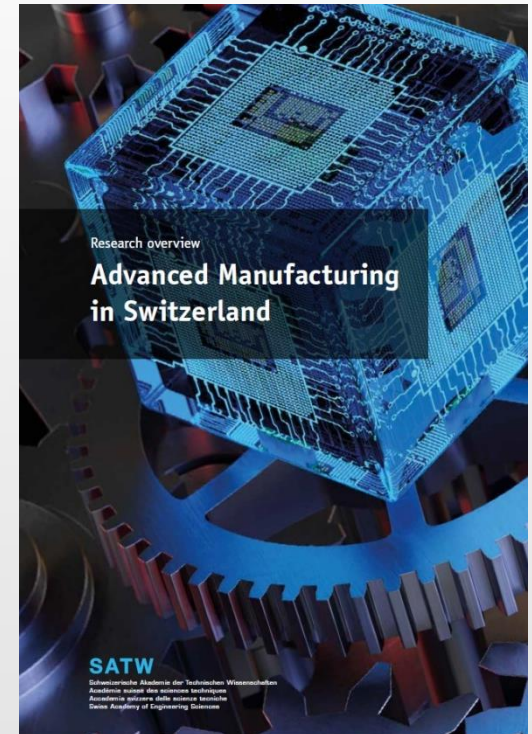
Action

Research overview on Advanced Manufacturing
in Switzerland

SATW Advanced Manufacturing Research Alliance
Collaborations with Swiss AM platform

International exchange with other academies

Further activities, events and projects



SATW Advanced Manufacturing Research Alliance

5

Promote collaborations

Current members – 9 important research bodies

Goals

- Exchange experiences from research activities
- Promote joint research among members
- Politically represent common interests
- Strengthen pre-competitive R&D

Approach

- Analyse current situation and Switzerland's position
- Define areas where research is needed
- Launch research projects
- Further development of AM

